

AMENDMENTS TO THE CLAIMS

Claim 1 (original): An apparatus for purging corrosion inducing fluids from a cooling system of an internal combustion engine during storage comprising:

 a source of inert gas having an outlet;

 a first coupling attached to said outlet; and

 a second coupling in fluid communication with the cooling system whereby the first coupling is adapted to be removably coupled to the second coupling.

Claim 2 (original): The apparatus of claim 1 wherein the source of inert gas comprises a pressurized tank.

Claim 3 (original): The apparatus of claim 1 wherein the inert gas is selected from the group consisting of helium and nitrogen.

Claim 4 (original): The apparatus of claim 1 further including a pressure regulator attached to the outlet.

Claim 5 (original): The apparatus of claim 1 further including a source of anticorrosive fluid, said source of anticorrosive fluid being in fluid communication with said source of inert gas.

Claim 6 (original): The apparatus of claim 5 further including a mixing device, said mixing device located at the fluid communication of the anticorrosive fluid and the inert gas.

Claim 7 (original): The apparatus of claim 1 wherein the first and second couplings are quick disconnect couplings.

Claim 8 (original): The apparatus of claim 1 further including a valve, said valve being attached to the inert gas outlet.

Claim 9 (original): The apparatus of claim 8 wherein said valve is a solenoid valve.

Claim 10 (original): The apparatus of claim 9 further including a programmable controller, said controller being connected to said valve.

Claim 11 (original): A method of inhibiting corrosion on the interior surfaces of an internal combustion engine cooling system during storage comprising the steps of:

connecting a source of pressurized inert gas to an intake port formed in said engine;

dispersing said inert gas into said engine cooling system through said intake port formed in said engine; and

purging corrosion producing fluids from said engine as said inert gas is dispersed into said engine.

Claim 12 (original): The method of claim 11 further including the step of retaining said inert gas in said engine whereby corrosion on said internal surfaces is prevented.

Claim 13 (original): The method of claim 11 wherein said inert gas is selected from the group consisting of helium and nitrogen.

Claim 14 (original): The method of claim 11 further including the step of providing an anticorrosive fluid and mixing said anticorrosive fluid with said inert gas prior to dispersion of the resulting mixture into the engine cooling system.

Claim 15 (original): The method of claim 14 wherein said anticorrosive material is selected from the group consisting of fogging oil and vegetable oil.

Claim 16 (original): The product of the method of claim 11.

Claim 17 (original): An apparatus for purging corrosion inducing fluids from a mechanical system during storage comprising:

 a source of inert gas having an outlet;

 a first coupling attached to said outlet; and

 a second coupling in fluid communication with the system whereby the first coupling is adapted to be removably coupled to the second coupling.

Claim 18 (original): The apparatus of claim 17 wherein the source of inert gas comprises a pressurized tank.

Claim 19 (original): The apparatus of claim 17 wherein the inert gas is selected from the group consisting of helium and nitrogen.

Claim 20 (original): The apparatus of claim 17 further including a pressure regulator attached to the outlet.

Claim 21 (original): The apparatus of claim 17 further including a source of anticorrosive fluid, said source of anticorrosive fluid being in fluid communication with said source of inert gas.

Claim 22 (original): The apparatus of claim 21 further including a mixing device, said mixing device located at the fluid communication of the anticorrosive fluid and the inert gas.

Claim 23 (original): The apparatus of claim 17 wherein the first and second couplings are quick disconnect couplings.

Claim 24 (original): The apparatus of claim 17 further including a valve, said valve being attached to the inert gas outlet.

Claim 25 (new): An apparatus for purging corrosion inducing fluids from a cooling system of an internal combustion engine during storage comprising:

a source of inert gas having an outlet;

a first coupling attached to said outlet;

a second coupling in fluid communication with the cooling system whereby the first coupling is adapted to be removably coupled to the second coupling; and

a source of anticorrosive fluid, said source of anticorrosive fluid being in fluid communication with said source of inert gas.

Claim 26 (new): A method of inhibiting corrosion on the interior surfaces of an internal combustion engine cooling system during storage comprising the steps of:

providing a mixing device having at least two input ports and at least one output port;

connecting a source of anticorrosive fluid to at least one of the input ports of the mixing device;

connecting a source of pressurized inert gas to at least one of the input ports of the mixing device;

connecting the at least one output port of the mixing device to an intake port formed in said engine;

creating a mixture by combining said anticorrosive fluid and said inert gas in the mixing device;

dispersing said mixture into said engine cooling system through said intake port formed in said engine; and

purging corrosion producing fluids from said engine as said mixture is dispersed into said engine.

Claim 27 (new): An apparatus for purging corrosion inducing fluids from a mechanical system during storage comprising:

a source of inert gas having an outlet;

a first coupling attached to said outlet;

a second coupling in fluid communication with the system whereby the first coupling is adapted to be removably coupled to the second coupling; and

a source of anticorrosive fluid, said source of anticorrosive fluid being in fluid communication with said source of inert gas.